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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**POWER OF ATTORNEY WITH REVOCATION AND  
CHANGE OF CORRESPONDENCE ADDRESS**

I hereby revoke all previous powers of attorney or authorizations of agent given in the applications identified in Table A attached hereto, and appoint

☒ Practitioners at Customer Number: 35133

PLACE CUSTOMER NUMBER BAR  
CODE LABEL HERE

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the Correspondence Address for all applications identified in Table

A to:

☒ Practitioners at Customer Number: 35133

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. (A statement under 37 CFR 3.73(b) is enclosed.)

Respectfully submitted,

ARENA PHARMACEUTICALS, INC.

Date: 12 Feb 2004

By: David L. Bradfute

Name: David L. Bradfute, Ph.D., F.D.

Title: Director, Intellectual Property

**TABLE A**

SERIAL NO.	FILING DATE	INVENTORS	EXAMINER	ART UNIT	TITLE	ASSIGNMENT RECORDATION
09/170,496	October 13, 1998	Liaw, Chalmers, Behan	N.S. Basi	1646	Non-Endogenous, Constitutively Activated Human Protein-Coupled Receptors	October 13, 1998 Reel/Frame: 009519/00800
09/364,425	July 30, 1999	Lin, Lowitz, Chen	N.S. Basi	1646	Endogenous, Constitutively Activated G Protein-Coupled Receptors	October 7, 1999 Reel/Frame: 10287/0322
09/513,838	February 25, 2000	Beeley, Behan, Chalmers, Menzaghi, Strah-Pleyner	F. D. Higle	1626	Small Molecule Modulators of G Protein-Coupled Receptor Six	June 19, 2000 Reel/Frame: 010923/0892
09/417,044	October 12, 1999	Chen, Dang, Liaw, Lin	M.P. Mertz	1646	Orphan G Protein-Coupled Receptors	December 9, 1999 Reel/Frame: 010435/0092
09/714,008	November 16, 2000	Chen, Dang, Lowitz	J.D. Ulm	1646	Endogenous and Non-Endogenous, Constitutively Activated Human G Protein-Coupled Receptors	November 16, 2000
09/826,509	April 5, 2001	Lehmann-Bruinsma, Liaw, Lin	R. Li	1646	Non-Endogenous, Constitutively Activated Known G Protein-Coupled Receptors	April 5, 2002 Reel/Frame: 011698/0749
09/875,076	June 6, 2001	Liaw, Lin	M.P. Mertz	1646	Human G Protein-Coupled Receptors	September 27, 2001 Reel/Frame: 012204/0089
09/876,252	June 7, 2001	Behan, Lehmann-Bruinsma, Chalmers, Chen, Dang, Gore, Liaw, Lin, Lowitz, White	N.S. Basi	1646	Non-Endogenous, Constitutively Activated Human G Protein-Coupled Receptors	January 23, 2002 Reel/Frame: 013395/0212
10/251,385	September 20, 2002	Liaw, Behan, Chalmers	Not Yet Determined	1646	Non-Endogenous, Constitutively Activated Human G Protein-Coupled Receptors	October 15, 2002 Reel/Frame: 013395/0212
09/060,188	April 14, 1998	Behan, Chalmers	N.S. Basi	1646	Method of Identifying Modulators of Cell Surface Receptors Useful in the Treatment of Disease	June 29, 1998 Reel/Frame: 09278/0566
09/416,760	October 12, 1999	Chen	N. S. Basi	1646	Non-Endogenous, Constitutively Activated G Protein-Coupled Orphan Receptors	September 29, 1998 Reel/Frame: 012204/0084
09/995,225	November 26, 2001	Chen, Chu, Dang, Lowitz, Pride	Not Yet Determined	1646	Endogenous and Non-Endogenous Versions of Human G Protein-Coupled Receptors	June 12, 2002 Reel/Frame: 012986/015

SERIAL NO.	FILING DATE	INVENTORS	EXAMINER	ART UNIT	TITLE	ASSIGNMENT RECORDATION
10/139,483	May 6, 2002	Beeley, Behan, Chalmers, Menzaghi, Streh-Pleyne	L.L. Stockton	1626	Small Molecule Modulators of Protein-Coupled Receptors	May 6, 2002 Reel/Frame: 012888/0615
10/083,168	February 26, 2002	Llao, Chalmers, Behan, Maciejewski-Lenior, Leonard, Lin, Ortuno	Not Yet Determined	1646	Endogenous and Non-Endogenous Versions of Human G Protein-Coupled Receptors	May 2, 2002 Reel/Frame: 012869/0310
10/104,602	March 22, 2002	Behan, Chalmers, Menzaghi	Not Yet Determined	1614	Anti-Psychosis Combination	June 24, 2002 Reel/Frame: 013022/0323
60/372,131	April 12, 2002	Colucci	N/A	N/A	Non-Endogenous, Constitutively Activated Versions of Plant G Protein-Coupled Receptor: GCR1	November 11, 2003 Reel/Frame: 014120/0255
10/164,163	June 5, 2002	Colucci	Not Yet Determined	1646	Non-Endogenous, Constitutively Activated Versions of Plant G Protein-Coupled Receptor: GCR1	November 11, 2003 Reel/Frame: 014120/0272
60/295,948	June 5, 2001	Colucci	N/A	N/A	Non-Endogenous, Constitutively Activated Versions of Plant G Protein-Coupled Receptor: GCR1	November 11, 2003 Reel/Frame: 014120/0255
60/308,267	July 26, 2001	Colucci	N/A	N/A	Non-Endogenous, Constitutively Activated Versions of Plant G Protein-Coupled Receptor: GCR1	November 11, 2003 Reel/Frame: 014120/0255
60/330,363	October 18, 2001	Colucci	N/A	N/A	Non-Endogenous, Constitutively Activated Versions of Plant G Protein-Coupled Receptor: GCR1	November 11, 2003 Reel/Frame: 014120/0255
60/339,281	December 11, 2001	Colucci	N/A	N/A	Non-Endogenous, Constitutively Activated Versions of Plant G Protein-Coupled Receptor: GCR1	November 11, 2003 Reel/Frame: 014120/0255
10/321,807	December 16, 2002	Chen, Dang, Lowitz	Not Yet Determined	1646	Endogenous and Non-Endogenous, Constitutively Activated Human G Protein-Coupled Receptors	March 18, 2003 Reel/Frame: 013856/0251
09/301,811	April 28, 1999	Hurst, Sutton	M. P. Allen	1631	System and Method for Database Similarity Join	April 28, 1999 Reel/Frame: 09929/0009
60/372,058	April 12, 2002	Smith, Smith	N/A	N/A	5HT2C Receptor Modulators	June 24, 2002 Reel/Frame: 013022/0330

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

STATEMENT UNDER 37 CFR 3.73(b)

Applicant, **Arena Pharmaceuticals, Inc.**, a corporation, states that it is:

☒ the assignee of the entire right, title, and interest of the applications identified in Table A attached hereto.

The extent (by, percentage) of its ownership interest is **100%** in the patent applications identified in Table A by virtue of:

☒ a copy of the pertinent assignment from the inventor(s) of the patent applications identified in Table A is enclosed herewith.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

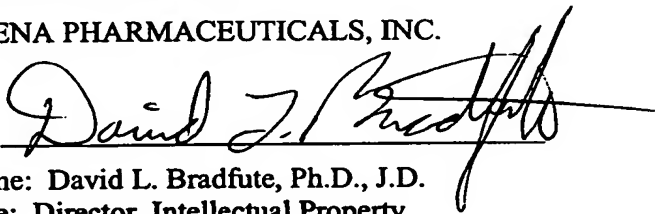
Respectfully submitted,

ARENA PHARMACEUTICALS, INC.

Date:

12 Feb 2004

By:



Name: David L. Bradfute, Ph.D., J.D.

Title: Director, Intellectual Property

DOCKET NO. AREN-0050

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Ruoping Chen, Huong T. Dang, Chen W. Liaw  
and I-Lin Lin

Group Art Unit: 1646

Examiner: Not Assigned

For: HUMAN ORPHAN G PROTEIN-  
COUPLED RECEPTORS

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a



Utility Patent



Design Patent

is sought on the invention, whose title appears above, the specification of which:



is attached hereto.



was filed on October 12, 1999 as Serial No. 09/417,044



said application having been amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below

any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

Priority Claimed (If X'd)	Country	Serial Number	Date Filed
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Date Filed	Patented/Pending/Abandoned
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I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Serial Number	Date Filed
<u>60/121,852</u>	<u>02/26/99</u>
<u>60/109,213</u>	<u>11/20/98</u>
<u>60/120,416</u>	<u>02/16/99</u>
<u>60/123,946</u>	<u>03/12/99</u>
<u>60/123,949</u>	<u>03/12/99</u>
<u>60/136,436</u>	<u>05/28/99</u>
<u>60/136,439</u>	<u>05/28/99</u>
<u>60/136,567</u>	<u>05/28/99</u>
<u>60/137,127</u>	<u>05/28/99</u>
<u>60/137,131</u>	<u>05/28/99</u>
<u>60/141,448</u>	<u>06/29/99</u>

<u>60/136,437</u>	<u>05/28/99</u>
<u>Unknown (Arena Pharmaceuticals</u>	
<u>Docket #CHN10-1)</u>	<u>09/29/99</u>
<u>60/156,333</u>	<u>09/29/99</u>
<u>60/156,555</u>	<u>09/29/99</u>
<u>60/156,634</u>	<u>09/29/99</u>
<u>Unknown(Arena Pharmaceuticals</u>	
<u>Docket #RUP6-1)</u>	<u>10/1/99</u>
<u>Unknown(Arena Pharmaceuticals</u>	
<u>Docket #RUP7-1)</u>	<u>10/1/99</u>
<u>Unknown(Arena Pharmaceuticals</u>	
<u>Docket #CHN6-1)</u>	<u>10/1/99</u>
<u>Unknown(Arena Pharmaceuticals</u>	
<u>Docket #RUP5-1)</u>	<u>10/1/99</u>
<u>Unknown(Arena Pharmaceuticals</u>	
<u>Docket #CHN9-1)</u>	<u>10/1/99</u>

I hereby appoint the following persons of the firm of **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103 as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Suzanne E. Miller, Esq. Reg. No. 32,279

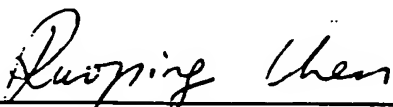
Michael P. Straher, Esq. Reg. No. 38,325


Address all telephone calls and correspondence to:

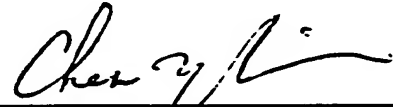
Michael P. Straher  
**WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP**  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone No.: (215) 568-3100  
Facsimile No.: (215) 568-3439


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



<b>Name:</b> Ruoping Chen	 _____ Signature  Date of Signature: <u>11/22/99</u>  Citizenship: <u>China</u>
<b>Mailing Address:</b> 5296 Timber Branch Way San Diego, California 92130	
<b>City/State of Actual Residence:</b> San Diego, California 92130	

<b>Name:</b> Huong T. Dang	 _____ Signature  Date of Signature: <u>11/19/99</u>  Citizenship: <u>U.S.</u>
<b>Mailing Address:</b> 5352 Oak Park Drive San Diego, California 92105	
<b>City/State of Actual Residence:</b> San Diego, California 92150	

<b>Name:</b> Chen W. Liaw	 _____ Signature  Date of Signature: <u>11/22/99</u>  Citizenship: <u>U.S.</u>
<b>Mailing Address:</b> 7668 Salix Place San Diego, California 92129	
<b>City/State of Actual Residence:</b> San Diego, California 92129	

<b>Name:</b> I-Lin Lin	 <b>Signature</b>  <b>Date of Signature:</b> 11.19 '99  <b>Citizenship:</b> Taiwan
<b>Mailing Address:</b> 8291-7 Gold Coast Drive San Diego, California 92126	
<b>City/State of Actual Residence:</b> San Diego, California 92126	

<b>Name:</b>	  <b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b> _____
<b>Mailing Address:</b>	
<b>City/State of Actual Residence:</b>	

<b>Name:</b>	  <b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b> _____
<b>Mailing Address:</b>	
<b>City/State of Actual Residence:</b>	

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In Re Application of:

Ruoping Chen, Huong T. Dang, Chen W. Liaw, I-  
Lin Lin

Serial No.: Not yet assigned

Group Art Unit: Not yet  
assigned

Filed: Herewith

Examiner: Not yet assigned

For: HUMAN ORPHAN G PROTEIN-  
COUPLED RECEPTORS

Assistant Commissioner for Patents  
Washington DC 20231

Sir:

## ASSOCIATE POWER OF ATTORNEY

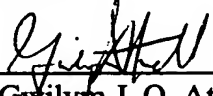
The undersigned, of the firm WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP, One Liberty Place - 46th Floor, Philadelphia,  
Pennsylvania 19103, Attorney and/or Agents for Applicant(s), hereby appoints the following:

Richard E. Kurtz	Registration No. 19,263	Lynn A. Malinowski	Registration No. 38,788
Dale M. Heist	Registration No. 28,425	Steven B. Samuels	Registration No. 37,711
John W. Caldwell	Registration No. 28,937	Anthony J. Rossi	Registration No. 24,053
Gary H. Levin	Registration No. 28,734	Terence P. Strobaugh	Registration No. 25,460
Steven J. Rocci	Registration No. 30,489	Michael J. Swope	Registration No. 38,041
Dianne B. Elderkin	Registration No. 28,598	Michael J. Bonella	Registration No. 41,628
John P. Donohue, Jr.	Registration No. 29,916	Harold H. Fullmer	Registration No. 42,560
Henrik D. Parker	Registration No. 31,863	John E. McGlynn	Registration No. 42,863
Suzanne E. Miller	Registration No. 32,279	Jonathan M. Waldman	Registration No. 40,861
Lynn B. Morreale	Registration No. 32,842	Paul K. Legaard	Registration No. 38,534
Mark DeLuca	Registration No. 33,229	Chad Ziegler	Registration No. 44,273
Joseph Lucci	Registration No. 33,307	David N. Farsion	Registration No. 44,104
Michael P. Dunnam	Registration No. 32,611	Maureen S. Gibbons	Registration No. 44,121
Michael D. Stein	Registration No. 34,734	Steven H. Meyer	Registration No. 37,189
Albert J. Marcellino	Registration No. 34,664	Paul B. Milcetic	Registration No. 46,261
David R. Bailey	Registration No. 35,057	Joseph R. Condo	Registration No. 42,431
Doreen Yatko Trujillo	Registration No. 35,719	Michael K. Jones	Registration No. 41,100
Barbara L. Mullin	Registration No. 38,250	Frank T. Carroll	Registration No. 42,392
Michael P. Straher	Registration No. 38,325	Mark J. Rosen	Registration No. 39,822
Kevin M. Flannery	Registration No. 35,871	Mitchell R. Brustein	Registration No. 38,394
David A. Cherry	Registration No. 35,099	Eric H. Vance	Registration No. 47,151
Robert B. Washburn	Registration No. 16,574	Peter M. Ullman	Registration No. 43,963
Norman L. Norris	Registration No. 24,196	Thomas E. Watson	Registration No. 43,243

Richard B. LeBlanc	Registration No. 39,495
Joseph D. Rossi	Registration No. 47,038
Rosaleen P. Morris	Registration No. 47,321
George J. Awad	Registration No. 46,528
Steven D. Maslowski	Registration No. 46,905
S. Maurice Valla	Registration No. 43,966
Vincent J. Roccia	Registration No. 43,887
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Patrick J. Farley	Registration No. 42,524
Gregory L. Hillyer	Registration No. 44,154
Susan C. Murphy	Registration No. 46,221
David L. Marcus	Registration No. 46,897
Christine A. Goddard	Registration No. 46,731
Ellen M. Klann	Registration No. 44,836
Andrew J. Hagerty	Registration No. 44,141

his/her associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP at the above address.

Date: June 6, 2001

  
Gwilym J. O. Attwell  
Registration No. 45,449

Woodcock Washburn Kurtz  
Mackiewicz & Norris LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone: (215) 568-3100  
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